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For Week Ending September 27, 1969

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CURRENT TRENDS

CALIFORNIA ENCEPHALITIS – Wisconsin

Encephalitis due to California Encephalitis (CE) virus has been confirmed in 12 children hospitalized in Wisconsin. There were no deaths. The first patient had onset of illness on July 4 and the other 11 between July 27 and September 4. Seven were from southwestern Wisconsin, three were from southeastern Minnesota, and two were from northeastern Iowa. Hemagglutination-inhibition (HI) antibody titers on acute and convalescent sera showed fourfold or greater rise to CE virus on all 12. Laboratory confirmation is pending on three additional patients.

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Sera submitted to the State laboratory on hospitalized patients with a history of fever or central nervous system

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TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	39th WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 39 WEEKS		
	September 27, 1969	September 28, 1968	1964 - 1968	1969	1968	MEDIAN 1964 - 1968
Aseptic meningitis	157	236	109	2,380	3,107	2,128
Brucellosis	10	11	3	173	169	193
Diphtheria	11	7	2	127	145	144
Encephalitis, primary:						
Arthropod-borne & unspecified	57	57	75	897	987	1,385
Encephalitis, post-infectious	3	5	9	252	389	605
Hepatitis, serum	89	124	736	3,905	3,283	29,026
Hepatitis, infectious	940	1,002		34,907	33,308	
Malaria	93	35	11	2,168	1,686	308
Measles (rubeola)	159	133	478	20,707	19,893	190,345
Meningococcal infections, total	21	23	27	2,414	2,082	2,112
Civilian	21	22	- - -	2,208	1,901	- - -
Military	—	1	- - -	206	181	- - -
Mumps	524	765	- - -	69,224	126,429	- - -
Poliomyelitis, total	1	4	1	13	47	47
Paralytic	1	4	1	11	47	47
Rubella (German measles)	319	231	- - -	49,651	44,362	- - -
Streptococcal sore throat & scarlet fever	5,917	6,141	5,746	317,322	317,125	317,125
Tetanus	5	8	6	114	124	169
Tularemia	4	5	4	114	149	149
Typhoid fever	8	11	11	224	287	315
Typhus, tick-borne (Rky. Mt. spotted fever)	11	9	6	404	256	234
Rabies in animals	60	63	57	2,641	2,677	3,359

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Rabies in man:	1
Botulism:	11	Rubella congenital syndrome: Mo.-1	8
Leptospirosis: Ala.-1, Calif.-1	59	Trichinosis: Ind.-1, N.Y. Ups.-1	162
Plague:	3	Typhus, murine:	35
Psittacosis:	32		

CALIFORNIA ENCEPHALITIS – *(Continued from front page)*

symptoms are being routinely tested by the HI technique. Comparative complement fixation tests have been performed on positives using various strains of CE group viruses. The highest titers occurred with antigen prepared with the LaCrosse strain, previously isolated from a fatal case in Wisconsin (MMWR, Vol. 13, No. 47).

CE virus is endemic in this area with human cases having been reported each year since 1960. Of 71 cases studied in previous years, 36 had onset of illness before September and 35 in September or October.

(Reported by Wayne Thampson, D.V.M., Ph.D., Chief, Zoonoses Research Laboratory, Department of Preventive Medicine, and Stanley L. Inhorn, M.D., Director, State Laboratory of Hygiene, and H. Grant Skinner, M.D., Director, Bureau of Preventable Diseases, Wisconsin State Division of Health; Arnold H. Reeve, M.D., Chief, Preventive Medical Service, Iowa State Department of Health; and Henry Bauer, Ph.D., Director, Division of Medical Laboratories, and D. S. Fleming, M.D., Director, Division of Disease Prevention and Control, Minnesota Department of Health.)

EPIDEMIOLOGIC NOTES AND REPORTS

TRICHINOSIS – Ohio

In July 1969, an outbreak of trichinosis with three cases was reported from Cleveland, Ohio. The first case was in a 34-year-old man, who had onset on April 20 of extreme weakness, facial edema, temperature of 103-104°F., myalgia of the thighs and calves, and diarrhea. That day, he went to the emergency room of a local hospital, where a blood test showed a WBC of 6,300 and eosinophilia of 24 percent. He refused hospitalization. On April 23, he visited his family physician, who also noted severe facial edema, temperature of 103°F., myalgia, nuchal rigidity, sore throat, congested nasal passages, and erythema around the neck and ears. Tests at that time demonstrated a WBC of 10,300, 19 percent eosinophilia, and 1+ albuminuria. He recovered without treatment and returned to work on April 28. Serologic tests performed on blood drawn on July 18 confirmed the diagnosis of trichinosis. The patient gave a history of eating smoked bacon on April 4 and 5.

The other two cases were a father (Case 2) and son (Case 3), who had sampled uncooked smoked bacon which was given to them by the first patient. The son had onset of illness on April 21 and was hospitalized on May 5 with a 2-week history of severe myalgia especially of the calves, progressively increasing weakness and fatigue, periorbital edema, and a spiking fever. A blood specimen taken on May 6 was positive for trichinosis at the 1:64 dilution using the Sussenguth-Kline (SK) agglutination test. He was discharged on May 19. This patient's father became ill on April 28 with symptoms similar to but milder than those of his son. He saw his family physician, who noted periorbital edema, temperature of 100-101°F., fatigue, and mild myalgia. A blood specimen obtained on July 16 was positive for trichinosis at the 1:64 dilution using the SK agglutination test.

The smoked bacon had been purchased by the first patient on April 3 from a packing company. He kept 2 lbs. for himself and gave 4 lbs. to Case 2 and 2 lbs. to Case 3. The first patient's wife and three oldest children ate "a little" of the smoked bacon, but none developed illness. The wife of Case 3 stated that she never ate raw or undercooked pork; she remained well.

(Reported by Calvin B. Spencer, M.D., Acting Chief, Communicable Disease Division, and Jack H. Russell, D.V.M., Chief Public Health Veterinarian, Ohio Department of Health; Jack Wilt, D.V.M., Public Health Veterinarian, Cleveland Health Department; and H. G. Curtis, M.D., Health Commissioner, Cuyahoga County.)

Editorial Note:

This is the second outbreak of trichinosis reported from Cleveland this year (MMWR, Vol. 18, No. 27).

OUTBREAK OF STAPHYLOCOCCAL DISEASE – Doyton, Ohio

In June and July 1969, an outbreak of disease due to *Staphylacaccus aureus* occurred in association with the private practice of a physician in Dayton, Ohio. Most of the patients were admitted to a local 500 bed general hospital where phage-typing of the staphylococci was performed.

Eight isolates of phage type 80/81 *S. aureus* were identified by the hospital's bacteriology laboratory during the 5-month period from January 1 through May 31; however, from June 14 through July 9, 13 isolates were obtained. One of these latter 13 isolates was from the implicated physician. Of the remaining 12 patients with isolates obtained during this period, one had no evidence of clinical disease or known contact with this physician; the remaining 11 patients had all been treated by him, and all but two had undergone a medical or surgical procedure at or near the site of subsequent infection. These infections included one case of impetigo after an abrasion, two of septic arthritis (one after diagnostic aspiration and one after injection of medication into the joint), five of deep muscular abscesses after intramuscular injection, and a postpartum episiotomy infection with septicemia. Of the two patients who had not had procedures at the site of subsequent infection, one had presented with a sty and later developed vaginitis and underwent a vaginal examination. She subsequently developed buttock abscesses. The other had a deltoid intramuscular injection and developed impetigo on her wrist and legs.

Nasal and pharyngeal cultures of physicians and hospital personnel yielded no carriers of type 80/81 *S. aureus*. The physician to the 11 symptomatic cases had had good general health except for chronic dermatitis of the hands. Although he was unaware of prior staphylococcal disease or carriage, between June 24 and July 3, he became aware of chin, thigh, and finger lesions. Coagulase positive *S. aureus* phage-type 80/81 was later cultured from the chin and finger lesions. Of 313 patients seen between June 23 and 27, six (1.9 percent) developed disease, whereas of 252 patients seen between June 10 and 13 and of 318 patients seen between June 16 and 20, two (.8 percent) and one (.3 percent), respectively, developed illness. He stopped seeing patients on July 3 and was admitted to the hospital on July 5 for treatment.

Appropriate isolation measures prevented spread of the strain from the hospitalized physician to the other patients. Post-therapy cultures of the physician and follow-up cultures of hospital personnel were negative.

(Reported by Calvin Spencer, M.D., Acting Chief, Communicable Disease Division, and R. A. Masterson, D.V.M., Chief, Epidemialagy Section, Ohio Department af Health; Robert A. Vagel, M.D., Public Health Commissianer, Montgomery County, Ohia; and an EIS Officer.)

Editoriol Comment:

Skin lesions of a wide variety of types, even in the abscence of clinical infection, are recognized to be a significant source for the dissemination of *S. aureus*.[1] The physician most probably initially acquired the strain from an infected patient and then transmitted the strain by contact with subsequent patients under his care.

Reference:

[1]Selwyn, Sydney, and Chalmers, D.: Dispersal of bacteria from skin lesions: a hospital hazard. Brit J Derm 77:349-56, July 1965.

FOLLOW-UP GASTROENTERITIS IN A TOUR GROUP RETURNING FROM THE ORIENT – United States

Bacteriologic studies have been completed on the rectal swabs obtained from 117 persons in the second of two tour groups returning from the Orient who developed gastroenteritis in August (MMWR, Vol. 18, No. 35). Five were positive for *Vibria parahemalyticus* (serotypes: two K-6 and one each of K-1, K-8, and non-typable), eight for non-cholera vibrios (serotypes: six NCV-12, one NCV-317, and one NCV-non-typable), one for *Aeramanas shigellaides*, one for *Shigella flexneri*, and six for Salmonellae (two *S. derby*, two *S. stanley*, and one each of *S. anatum* and *S. kattbus*). A second rectal swab obtained 1 week later from all persons with positive isolates showed that two persons still harbored Salmonellae and one carried *V. parahemalyticus*; there were no non-cholera vibrio organisms on repeat rectal swab culture.

(Reported by H.L. Smith, Ph.D., Directar, Vibria Reference Labaratary, Department of Micrabiolagy, Jeffersan Medical Callege, Philadelphia; Epidemialagical Services Labaratory Sectian, Epidemialagy Pragram, NCDC; and an EIS Officer.)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 27, 1969 AND SEPTEMBER 28, 1968 (39th WEEK)

AREA	ASEPTIC MENINGITIS	BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post-Infectious	Serum	Infectious			
	1969	1969	1969	1969	1968	1969	1969	1969	1968	1969	Cum. 1969
UNITED STATES...	157	10	11	57	57	3	89	940	1,002	93	2,168
NEW ENGLAND.....	4	–	–	4	2	1	4	103	54	5	75
Maine*.....	–	–	–	1	–	–	–	–	2	–	6
New Hampshire.....	–	–	–	–	–	–	–	1	2	–	2
Vermont.....	–	–	–	–	–	–	–	5	2	–	–
Massachusetts.....	3	–	–	–	1	–	2	56	23	2	47
Rhode Island.....	1	–	–	1	–	–	2	23	17	2	7
Connecticut.....	–	–	–	2	1	1	–	18	8	1	13
MIDDLE ATLANTIC.....	38	–	–	6	4	–	42	169	172	6	244
New York City.....	7	–	–	1	–	–	23	55	63	1	21
New York, up-State.	7	–	–	2	1	–	1	27	27	2	39
New Jersey*.....	14	–	–	–	3	–	12	46	21	3	100
Pennsylvania*.....	10	–	–	3	–	–	6	41	61	–	84
EAST NORTH CENTRAL...	34	1	–	31	25	1	6	167	133	7	238
Ohio*.....	23	–	–	20	22	1	2	38	41	1	21
Indiana.....	1	–	–	1	–	–	–	10	15	–	19
Illinois.....	–	1	–	2	2	–	–	64	35	2	146
Michigan.....	8	–	–	8	1	–	4	50	38	4	51
Wisconsin.....	2	–	–	–	–	–	–	5	4	–	1
WEST NORTH CENTRAL...	20	4	–	2	5	–	–	32	50	6	153
Minnesota.....	14	2	–	1	1	–	–	11	13	–	8
Iowa*.....	3	–	–	1	2	–	–	4	10	–	16
Missouri.....	2	–	–	–	1	–	–	6	9	–	40
North Dakota.....	–	2	–	–	1	–	–	1	1	–	3
South Dakota.....	–	–	–	–	–	–	–	–	–	–	–
Nebraska.....	1	–	–	–	–	–	–	–	3	–	3
Kansas.....	–	–	–	–	–	–	–	10	14	6	83
SOUTH ATLANTIC.....	18	2	2	1	4	–	5	127	128	14	545
Delaware.....	–	–	–	–	–	–	–	3	1	–	3
Maryland.....	6	–	–	–	1	–	1	19	14	1	29
Dist. of Columbia..	–	–	–	–	–	–	1	4	3	1	2
Virginia.....	–	1	–	–	1	–	–	27	20	5	25
West Virginia.....	2	–	–	–	1	–	1	30	10	–	–
North Carolina.....	–	–	–	–	–	–	–	4	3	–	236
South Carolina.....	8	–	–	1	1	–	–	8	7	1	49
Georgia.....	–	1	1	–	–	–	–	3	21	–	169
Florida.....	2	–	1	–	–	–	2	29	49	6	32
EAST SOUTH CENTRAL...	20	–	–	5	1	–	1	58	80	16	109
Kentucky.....	8	–	–	–	–	–	–	16	36	16	85
Tennessee.....	9	–	–	1	1	–	1	29	24	–	–
Alabama.....	1	–	–	–	–	–	–	6	12	–	21
Mississippi.....	2	–	–	4	–	–	–	7	8	–	3
WEST SOUTH CENTRAL...	6	1	7	3	3	1	1	54	61	12	153
Arkansas.....	2	–	–	–	–	–	–	–	–	3	13
Louisiana.....	–	–	3	3	3	–	–	12	18	1	43
Oklahoma.....	–	–	–	–	–	–	–	8	8	–	53
Texas.....	4	1	4	–	–	1	1	34	35	8	44
MOUNTAIN.....	2	–	2	1	6	–	2	39	40	–	124
Montana.....	–	–	–	–	6	–	–	–	10	–	3
Idaho.....	–	–	–	1	–	–	–	1	–	–	3
Wyoming.....	–	–	–	–	–	–	–	6	–	–	–
Colorado.....	2	–	–	–	–	–	–	5	12	–	105
New Mexico.....	–	–	–	–	–	–	–	3	7	–	7
Arizona.....	–	–	2	–	–	–	–	15	8	–	1
Utah.....	–	–	–	–	–	–	2	9	3	–	1
Nevada.....	–	–	–	–	–	–	–	–	–	–	4
PACIFIC.....	15	2	–	4	7	–	28	191	284	27	527
Washington.....	2	–	–	–	–	–	–	5	25	–	5
Oregon.....	–	–	–	1	–	–	–	14	14	3	13
California.....	11	2	–	3	7	–	27	164	241	22	417
Alaska.....	–	–	–	–	–	–	–	1	1	1	3
Hawaii.....	2	–	–	–	–	–	1	7	3	1	89
Puerto Rico.....	1	–	1	–	–	–	–	42	21	–	2

*Delayed reports: Aseptic meningitis: Pa. delete 1
Hepatitis, infectious: Me. 2, N.J. 10, Ohio delete 1
Malaria: Iowa 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 27, 1969 AND SEPTEMBER 28, 1968 (39th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paralytic		
	1969	1969	1968	1969	1969	1968	1969	1969	1969	Cum. 1969	1969
UNITED STATES...	159	20,707	19,893	21	2,414	2,082	524	1	1	11	319
NEW ENGLAND.....	4	1,115	1,162	1	94	121	79	–	–	1	29
Maine*.....	–	8	38	–	6	6	8	–	–	–	2
New Hampshire.....	–	238	141	–	3	7	1	–	–	–	2
Vermont.....	–	3	2	–	–	1	3	–	–	–	–
Massachusetts.....	2	219	362	–	37	63	24	–	–	–	12
Rhode Island.....	–	27	6	–	12	9	7	–	–	–	5
Connecticut.....	2	620	613	1	36	35	36	–	–	1	8
MIDDLE ATLANTIC.....	12	7,524	4,102	3	396	375	39	1	1	2	18
New York City.....	4	4,921	2,149	1	76	75	34	–	–	–	2
New York, Up-State.	2	601	1,223	1	77	67	NN	1	1	1	8
New Jersey*.....	2	905	618	1	158	130	5	–	–	–	5
Pennsylvania.....	4	1,097	112	–	85	103	NN	–	–	1	3
EAST NORTH CENTRAL...	31	2,283	3,836	1	331	255	117	–	–	–	60
Ohio.....	7	386	296	–	124	70	3	–	–	–	8
Indiana.....	1	467	678	–	39	35	6	–	–	–	5
Illinois.....	11	550	1,374	–	49	56	18	–	–	–	4
Michigan.....	7	294	275	–	95	74	30	–	–	–	21
Wisconsin.....	5	586	1,213	1	24	20	60	–	–	–	22
WEST NORTH CENTRAL...	17	564	385	1	122	113	17	–	–	1	18
Minnesota.....	1	8	16	–	26	27	2	–	–	–	1
Iowa*.....	1	332	99	–	18	7	9	–	–	–	13
Missouri.....	1	28	81	–	51	37	2	–	–	–	–
North Oakota.....	–	15	134	–	1	3	–	–	–	–	2
South Oakota.....	–	3	4	–	1	5	NN	–	–	–	–
Nebraska.....	14	171	41	–	9	7	4	–	–	–	2
Kansas.....	–	7	10	1	16	27	–	–	–	1	–
SOUTH ATLANTIC.....	17	2,556	1,519	2	415	416	44	–	–	1	33
Delaware.....	3	384	16	–	10	8	–	–	–	–	–
Maryland*.....	1	77	102	1	39	34	3	–	–	–	3
Oist. of Columbia..	11	35	6	–	9	14	1	–	–	–	1
Virginia.....	1	884	299	–	53	38	7	–	–	–	6
West Virginia.....	–	201	290	–	18	12	25	–	–	–	10
North Carolina.....	–	316	282	–	69	78	NN	–	–	–	1
South Carolina.....	–	120	12	–	57	56	3	–	–	–	3
Georgia.....	–	2	4	–	70	85	–	–	–	–	–
Florida.....	1	537	508	1	90	91	5	–	–	1	9
EAST SOUTH CENTRAL...	2	113	496	3	148	188	26	–	–	1	27
Kentucky.....	1	66	100	–	51	86	4	–	–	–	5
Tennessee.....	–	17	62	2	56	54	16	–	–	–	19
Alabama.....	–	6	94	–	24	26	6	–	–	1	1
Mississippi.....	1	24	240	1	17	22	–	–	–	–	2
WEST SOUTH CENTRAL...	39	4,600	4,846	3	324	309	54	–	–	4	59
Arkansas.....	–	16	2	1	31	20	–	–	–	–	–
Louisiana.....	–	120	23	1	86	88	–	–	–	–	–
Oklahoma.....	2	142	123	–	30	50	32	–	–	–	10
Texas.....	37	4,322	4,698	1	177	151	22	–	–	4	49
MOUNTAIN.....	20	891	999	1	46	35	41	–	–	–	25
Montana.....	–	18	58	–	8	6	1	–	–	–	4
Idaho.....	–	89	21	1	9	11	1	–	–	–	–
Wyoming.....	–	–	52	–	–	2	–	–	–	–	1
Colorado.....	–	141	508	–	8	10	9	–	–	–	7
New Mexico.....	11	263	112	–	6	–	8	–	–	–	3
Arizona.....	8	369	222	–	10	2	16	–	–	–	7
Utah.....	1	10	21	–	3	1	6	–	–	–	3
Nevada.....	–	1	5	–	2	3	–	–	–	–	–
PACIFIC.....	17	1,061	2,548	6	538	270	107	–	–	1	50
Washington.....	1	60	535	1	56	39	24	–	–	–	12
Oregon.....	–	198	529	2	18	21	9	–	–	–	5
California.....	14	754	1,440	3	443	196	52	–	–	1	21
Alaska.....	1	9	9	–	11	2	16	–	–	–	7
Hawaii.....	1	40	35	–	10	12	6	–	–	–	5
Puerto Rico.....	35	1,544	418	–	19	20	46	–	–	–	–

*Oelayed reports: Measles: Iowa 1
Meningococcal infections: N.J. delete 1, Md. delete 1
Mumps: Me. 11
Rubella: Me. 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 27, 1969 AND SEPTEMBER 28, 1968 (39th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969
UNITED STATES...	5,917	5	114	4	114	8	224	11	404	60	2,641
NEW ENGLAND.....	576	–	1	–	14	2	12	–	–	2	25
Maine.*	3	–	–	–	–	–	1	–	–	–	6
New Hampshire.....	3	–	–	–	–	–	–	–	–	–	4
Vermont.....	–	–	–	–	14	–	–	–	–	1	5
Massachusetts.....	86	–	1	–	–	–	7	–	–	–	2
Rhode Island.....	31	–	–	–	–	–	1	–	–	–	–
Connecticut.....	453	–	–	–	–	2	3	–	–	1	8
MIDDLE ATLANTIC.....	114	–	15	–	5	1	24	–	42	16	169
New York City.....	19	–	7	–	1	1	11	–	–	–	–
New York, Up-State.	89	–	3	–	4	–	5	–	6	14	159
New Jersey.....	NN	–	3	–	–	–	3	–	14	–	–
Pennsylvania.....	6	–	2	–	–	–	5	–	22	2	10
EAST NORTH CENTRAL...	412	1	14	1	13	–	22	–	3	1	186
Ohio.....	43	–	1	–	–	–	8	–	–	–	63
Indiana.....	97	–	–	–	2	–	–	–	–	1	46
Illinois.....	68	1	8	1	4	–	10	–	3	–	30
Michigan.....	146	–	5	–	–	–	4	–	–	–	7
Wisconsin.....	58	–	–	–	7	–	–	–	–	–	40
WEST NORTH CENTRAL...	292	–	10	–	13	–	9	–	8	12	489
Minnesota.....	3	–	3	–	–	–	3	–	–	4	130
Iowa.....	85	–	–	–	–	–	1	–	7	3	71
Missouri.....	15	–	3	–	9	–	3	–	–	3	125
North Dakota.....	86	–	–	–	–	–	–	–	–	1	63
South Dakota.....	26	–	–	–	–	–	–	–	1	–	24
Nebraska.....	51	–	–	–	1	–	1	–	–	1	13
Kansas.....	26	–	4	–	3	–	1	–	–	–	63
SOUTH ATLANTIC.....	792	1	21	1	21	4	36	9	226	8	653
Delaware.....	1	–	–	–	–	–	2	–	3	–	–
Maryland.....	60	–	1	–	–	–	4	2	47	–	3
Dist. of Columbia..	–	–	2	–	–	–	1	–	–	–	–
Virginia.*	268	–	–	–	4	1	1	2	76	3	330
West Virginia.....	189	–	1	–	2	–	1	–	5	–	94
North Carolina.....	NN	–	2	–	5	–	6	4	52	–	5
South Carolina*.....	123	–	1	–	2	–	1	1	30	–	–
Georgia.....	11	–	4	1	4	–	9	–	13	2	70
Florida.....	140	1	10	–	4	3	11	–	–	3	151
EAST SOUTH CENTRAL...	1,117	2	18	1	12	–	33	2	61	4	359
Kentucky.....	98	1	7	–	–	–	6	1	13	3	185
Tennessee.....	678	–	4	1	11	–	19	1	40	1	122
Alabama.....	210	–	5	–	–	–	4	–	5	–	46
Mississippi.....	131	1	2	–	1	–	4	–	3	–	6
WEST SOUTH CENTRAL...	688	1	21	–	18	–	22	–	43	7	381
Arkansas.....	17	–	1	–	1	–	10	–	7	1	29
Louisiana.....	21	–	7	–	4	–	3	–	–	–	29
Oklahoma.....	70	–	1	–	7	–	–	–	28	2	57
Texas.....	580	1	12	–	6	–	9	–	8	4	266
MOUNTAIN.....	1,209	–	5	–	14	–	24	–	16	–	115
Montana.....	65	–	1	–	–	–	2	–	–	–	–
Idaho.....	125	–	–	–	–	–	3	–	5	–	–
Wyoming*.....	123	–	–	–	2	–	5	–	–	–	52
Colorado.....	512	–	2	–	–	–	3	–	9	–	3
New Mexico.....	194	–	–	–	1	–	5	–	–	–	17
Arizona.....	84	–	2	–	–	–	5	–	–	–	22
Utah.....	106	–	–	–	11	–	–	–	2	–	5
Nevada.....	–	–	–	–	–	–	1	–	–	–	16
PACIFIC.....	717	–	9	1	4	1	42	–	5	10	264
Washington.....	460	–	1	–	2	–	2	–	3	–	4
Oregon.....	65	–	–	–	1	–	6	–	–	1	4
California.....	---	–	8	1	1	1	32	–	2	9	256
Alaska.....	87	–	–	–	–	–	–	–	–	–	–
Hawaii.....	105	–	–	–	–	–	2	–	–	–	–
Puerto Rico.....	9	2	8	–	–	–	6	–	–	–	20

*Delayed reports: SST: Me. 4, S.C. 7, Wyo. 20
RMSF: Va. 2, S.C. delete 1

Week No. 39

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED SEPTEMBER 27, 1969

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	682	405	37	29
Boston, Mass.	190	99	10	14
Bridgeport, Conn.	49	26	2	2
Cambridge, Mass.	35	24	10	1
Fall River, Mass.	29	21	1	–
Hartford, Conn.	62	28	3	4
Lowell, Mass.	34	20	2	–
Lynn, Mass.	18	13	–	–
New Bedford, Mass.	22	19	1	–
New Haven, Conn.	50	30	–	4
Providence, R. I.	52	31	1	–
Somerville, Mass.	16	12	–	–
Springfield, Mass.	50	28	1	2
Waterbury, Conn.	30	21	1	1
Worcester, Mass.	45	33	5	1
MIDDLE ATLANTIC:	3,203	1,822	95	165
Albany, N. Y.	50	27	1	3
Allentown, Pa.	42	25	4	–
Buffalo, N. Y.	134	67	–	6
Camden, N. J.	48	26	3	2
Elizabeth, N. J.	33	17	1	2
Erie, Pa.	50	33	–	3
Jersey City, N. J.	66	32	6	4
Newark, N. J.	80	21	3	26
New York City, N. Y.	1,564	903	51	65
Paterson, N. J.	25	14	1	–
Philadelphia, Pa.	512	272	5	25
Pittsburgh, Pa.	201	125	11	8
Reading, Pa.	51	34	1	2
Rochester, N. Y.	108	73	1	7
Schenectady, N. Y.	25	12	2	1
Scranton, Pa.	25	17	1	–
Syracuse, N. Y.	84	54	–	5
Trenton, N. J.	42	25	–	2
Utica, N. Y.	33	24	2	2
Yonkers, N. Y.	30	21	2	2
EAST NORTH CENTRAL:	2,495	1,371	89	122
Akron, Ohio	69	40	1	4
Canton, Ohio	36	22	1	–
Chicago, Ill.	692	367	23	40
Cincinnati, Ohio	155	88	1	3
Cleveland, Ohio	189	99	5	7
Columbus, Ohio	124	70	3	6
Dayton, Ohio	83	41	7	7
Detroit, Mich.	328	184	12	14
Evansville, Ind.	41	26	5	2
Flint, Mich.	55	23	–	6
Fort Wayne, Ind.	40	25	4	1
Gary, Ind.	39	13	4	5
Grand Rapids, Mich.	38	24	5	2
Indianapolis, Ind.	160	81	2	8
Madison, Wis.	36	18	4	2
Milwaukee, Wis.	138	82	3	8
Peoria, Ill.	39	26	1	2
Rockford, Ill.	35	20	2	1
South Bend, Ind.	34	22	2	1
Toledo, Ohio	107	64	3	1
Youngstown, Ohio	57	36	1	2
WEST NORTH CENTRAL:	786	469	19	36
Des Moines, Iowa	54	32	1	–
Duluth, Minn.	26	17	4	3
Kansas City, Kans.	33	23	3	5
Kansas City, Mo.	134	88	2	5
Lincoln, Nebr.	18	9	–	–
Minneapolis, Minn.	95	60	4	4
Omaha, Nebr.	91	49	–	4
St. Louis, Mo.	228	126	–	5
St. Paul, Minn.	52	34	2	3
Wichita, Kans.	55	31	3	7
Las Vegas, Nev.*	---	---	---	---

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
SOUTH ATLANTIC:	1,259	642	34	98
Atlanta, Ga.	117	55	3	5
Baltimore, Md.	231	128	2	13
Charlotte, N. C.	54	24	2	2
Jacksonville, Fla.	92	50	4	6
Miami, Fla.	122	64	–	5
Norfolk, Va.	63	26	6	6
Richmond, Va.	93	50	1	3
Savannah, Ga.	39	19	1	–
St. Petersburg, Fla.	86	72	4	1
Tampa, Fla.	65	38	6	7
Washington, D. C.	241	91	2	48
Wilmington, Del.	56	25	3	2
EAST SOUTH CENTRAL:	634	309	36	39
Birmingham, Ala.	70	31	2	4
Chattanooga, Tenn.	55	23	2	5
Knoxville, Tenn.	32	17	2	1
Louisville, Ky.	135	70	20	4
Memphis, Tenn.	142	70	5	15
Mobile, Ala.	51	17	1	6
Montgomery, Ala.	45	24	3	1
Nashville, Tenn.	104	57	1	3
WEST SOUTH CENTRAL:	1,168	564	30	111
Austin, Tex.	43	14	3	4
Baton Rouge, La.	36	19	2	1
Corpus Christi, Tex.	14	6	–	–
Dallas, Tex.	175	83	1	16
El Paso, Tex.	46	19	3	8
Fort Worth, Tex.	82	45	2	9
Houston, Tex.	238	93	6	25
Little Rock, Ark.	66	31	2	3
New Orleans, La.	160	87	2	17
Oklahoma City, Okla.	101	57	1	10
San Antonio, Tex.	105	56	3	10
Shreveport, La.	59	28	1	5
Tulsa, Okla.	43	26	4	3
MOUNTAIN:	409	255	10	15
Albuquerque, N. Mex.	40	19	2	4
Colorado Springs, Colo.	33	27	2	1
Denver, Colo.	106	63	3	4
Ogden, Utah	15	9	1	–
Phoenix, Ariz.	106	70	1	4
Pueblo, Colo.	11	7	–	–
Salt Lake City, Utah	52	30	–	1
Tucson, Ariz.	46	30	1	1
PACIFIC:	1,628	965	38	63
Berkeley, Calif.	14	10	–	–
Fresno, Calif.	48	36	–	–
Glendale, Calif.	42	29	–	3
Honolulu, Hawaii	30	16	1	5
Long Beach, Calif.	89	56	2	2
Los Angeles, Calif.	531	301	15	16
Oakland, Calif.	91	49	4	4
Pasadena, Calif.	36	25	1	–
Portland, Oreg.	145	89	1	5
Sacramento, Calif.	59	39	–	–
San Diego, Calif.	102	63	1	6
San Francisco, Calif.	173	91	3	7
San Jose, Calif.	44	31	2	1
Seattle, Wash.	140	77	8	10
Spokane, Wash.	46	30	–	1
Tacoma, Wash.	38	23	–	3
Total	12,264	6,802	388	678
Expected Number	11,842	6,780	352	513
Cumulative Total (includes reported corrections for previous weeks)	507,470	290,242	23,543	23,918

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

INTERNATIONAL NOTES

IMPORTED SMALLPOX – Uruguay*

An imported case of smallpox in a 7-month-old child has been reported from Uruguay. The child resides in Jaguarao, State of Rio Grande do Sul, Brazil, which is directly across the river from the Uruguayan locality Rio Branco, where the child was hospitalized. Contacts and other persons related to the case have been vaccinated.

*Source: *World Health Organization Weekly Epidemiological Record*, 44(39):562, September 26, 1969.

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